

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G08C17/00 H04L12/28 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G08C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 076 166 A (YU YUAN-PIN ET AL) 13 June 2000 (2000-06-13) column 2, line 7 -column 5, line 26 column 5, line 58 -column 7, line 31 ----	1-8
X	WO 00 39964 A (KONINKL PHILIPS ELECTRONICS NV) 6 July 2000 (2000-07-06) page 3, line 19 -page 5, line 17 page 6, line 15 -page 7, line 31 page 11, line 9 -page 12, line 12 -----	1, 2, 4-8

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 May 2003

Date of mailing of the international search report

30/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pham, P

INTERNATIONAL SEARCH REPORT
 Information on patent family members

International Application No

PCT/IB 02/05289

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6076166	A	13-06-2000	EP 0898748 A1	03-03-1999
			WO 9832076 A1	23-07-1998
			JP 2001505337 T	17-04-2001
<hr/>				
WO 0039964	A	06-07-2000	WO 0039964 A1	06-07-2000
			EP 1057302 A1	06-12-2000
			JP 2002534841 T	15-10-2002
<hr/>				